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	CENTRAL INTELLIGENCE AGENCY	REPORT	
	INFORMATION REPORT	CD NO.	
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JECT	Radio and Radar Installations	NO. OF PAGES	<b>7 July 1953</b> 11 50X1-HUM
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50X1-HUM

From a generator two cables extended to a log bunker north of the radar installation via the two radar sets. The two cables which had a diameter of 30-mm and about 18-mm respectively were fastened to pegs about 10 cm high and covered by wooden boards. The box-like set mounted on an iron tripod northeast of the AA guns measured about 65 x 40 x 40 cm. Three turning knops were seen on the longitudinal side of the set. Two reflecting and rotatable triangulars about 10 cm high were mounted on the set. A range finder about 2 meters long and with a diameter of about 18 cm was observed about 5 meters north of the set. On 20 November, an officer with four silver stars on his epaulets supervised the training of soldiers wearing red-bordered black epaulets with the box-like set, the range finder and the adjacent AA gun. The officer had come from the Stammlager in Zossen. In late December, two rows of poles supporting eight and four wires respectively had been erected from the Stammaager in Zossen to the AAA emplacement. Fy 24 January, four additional single-wire lines had been constructed and an underground cable about 4 cm in dismeter had been laid.4

#### Merseburg.

1.

50X1-HUM

The small radar set fitted with two Yagi type antennas observed on the southeastern edge of Merseburg airfield rotated several times on 17 December. During a 15-minute period of operation on 27 November, the antenna of the SCR 602 type radar set located near the small radar set was turning within a sector of about 60°.

#### Plauen.

1.

50X1-HUM

5. During the period from early October 1952 to 29 January 1953, the 50X1-HUM radar installation on Warthuebel (hill) on the western perimeter of Plauen was observed several times every week.

only the antenna of the SCR 602 set rotated on rive days

at a rate of 25, 38, 55, 23 and 38 seconds per rotation. From the position of the antennas of the two other radar sets.

these sets operated very seldom.

the two Yagi type antennas of the one radar set consisted 50X1-HUM of three units each.

50X1-HUM On 26 October, van-like truck proceeded from the radar installation to the officer billets on Zadera Strasse, where an officer left the truck, which then proceeded toward the center of the town. In late overhead line 12 overhead lines 50X1-HUM and an overhead rubber calle extended from the radar installation to the Kirchbach Kaserne and a villa at the intersection of Copernikus Strasse and Schminke Strasse respectively. In late December, this villa quartered about 14 soldiers who wore red-bordered black and 7 soldiers who were black-hordered black epaulets. Next door to the 50X1-HUM villa there was a garage with two trucks and a dog kennel. Two soldiers who wore black-tordered black epaulets accommanded by a dog were seen proceeding to the radar installation. the soldiers quartered

in the villa probably belonged to an independent unit which was not subjected to the general military post regulations. On 15 December and early January truck driven by a soldier who wore

red-bordered black epaulets

50X1-HUM

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proceeded to the villa. In late January, three trucks driven by a soldier wearing black-bordered black epaulets were repeatedly seen in front of the vill	50X1-HUM
	50X1-HUM
7. From late November 1952 until 11 January 1953, the two Adcock IF stations behind Mirchbach Kaserne were unoccupied, as could be determined from the fact that no foot marks were to be seen in t snow.	he
5	50X1-HUM
8. In late January 1953, three air force soldiers who wore black-bordered blue epaulets entering the building occupied by the signal unit at the Kirchbach Kaserne.  Radio truck fitted with a rod antenna about 52 meter high and a one-age trailer were seen near this quartering build	50X1-HUM
Wismar. 5	50X1-HUM
9. On 30 October, only three Adcock DF stations in training area so ithwest of the larracks installation on Luersche Strasse in Wismar. No radar set was seen in the billeting area.	the
Wittstock.	50X1-HUM
bolic reflector on a pilltox at Witt stock airfield, on the south border of the billeting area. The set-up of the reflector could be observed clearly. A tube about 10 cm in diameter with a bull its end was fitted in the center of the reflector to its rim. I rings were seen between the center and the rim.  a wire extended from a perpendicular red fitted at some undetermed to the reflector to a low wooden building north of the set No rotating movements of the set were seen. From the changed poof the antennas of the two radar sets erected near the parabolic reflector,	ge at 50X1-HUN Two mined t. osition c
Stahnsdorf.	
11. In late October, the PKV-45 type Adcock DF station near the Si Kaserne 500 meters east of Karolinen Strasse was occupied by the men.	egfeld r <b>ee</b>
50	OX1-HUM
12. On 18 November, two PKV-45 type Adcock DF stat 50 meters apart from each other in the training area north of S Kaserne. 9	cions Schlieffen
Rehagen.	50X1-HUM
13. In early October 1952, a Dumbo type radar set the barracks installation at Rehagen. 10	_

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50X1-HUM

## Wittenberg.

50X1-HUM

14. In late November/early December, sedan occupied by a captain who wore black-bordered light blue epaulets and a soldier drove several times from the Brueckenkopf Kaserne in Wittenberg to the radar installation on Apollensberg (hill).

#### Hillersleben.

15. there was no ch	nange in the 50X1-HUM
status of the Dumbo type radar set on Haupt Strasse	e at Hillers-
leben. The Adcock DF station had been removed. 12	50X1-HUM
1. Comment. For sketch of this radar set, which rese	embles the
American CPS-6 type set, see Annex 1.	0
Comment. For sketch of this set, see Annex 2.	50X1-HUM
Comment. the	reder instella-
tion at Gerdelegen consists of a Dumbo type, an SCR-602	type set and
a third set, which was observed in connection with the sat other radar installations.	SUR-602 set also
It is beli	leved that these
sets are not antennas of decimeter communication equipme	ent.
Comment. For sketch of the AA emplacement, see Ar	nex 3. From 50X1-HU
sketch it arrears that	the radar set.
observed at the AA emplacement was of type AA No 1 Mk2 wreceiver and transmitter mounted in two different units.	hich has its
set mounted on an iron tripod probably is a Puaso 3 set.	The box-like
Annex 3. It appears noteworthy that the range finder of	served at the
emplacement was only two meters in length. The AAA empl	acement which
consists of 4 x 85 mm guns, relongs to the 2d Gds AAA Di	.♥。
5. Comment. The radar installation at Merseburg airf	ield consists
of a Dumbo type and an SCR_602 type set in addition to a	third set 50X1-HU
third set was also seen at other radar installations in	The the transfer to
vicinity of the SCR-602 set. It is pointed out that the	SCR_602 set
and the third set were being erected simultaneously at m	nst reder in_
stallations. The redar installation at the sirfield is	operated by the
headquarters of the fighter division in Merseburg.	
Comment. The radar installation near Plauen consi	ets of three
sets, i.e. a Durbo type set, an SCR-602 set and a third	set fitted FOV4 LILIM
with two lagi type antennas. The third set is of the sa	me type as
that observed in Merseburg.	
The Kirchbach Kaserne mainly quarters a signal unit (signathich is protetly directly assigned to the Sighth Gds Ar	mal units?),
and/or the GCFG. For view of two quartering buildings of	f the Kirch-
bach Kaserne with various radar installations, see Annex	7.
stallation in Plauen is operated by a unit which is direct	he radar in-

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Declassified in Part - Sanitized Copy Approved for Release 2012/11/06: CIA-RDP80S01540R001400010004-7 SECRET/CONTROL-U.S.OFFICIALS ONLY 50X1-HUM 50X1-HUM the GOFG. 7. Corment. a Dumbo type radar set was located on the roof of a building of the barracks installation on Luebsche Strasse in Wismar in June 1952. 50X1-HUM 8. 50X1-HUM Comment. The installation consists of an SCR-602 set with another set erected close The parabolic reflector definitely belonged to an SCR-602 type radar set. It is believed that a Dumbo type set is also available at the airfield. The radar installation is operated by the headquarters of the Northern Fighter Corps. 9. Comment. It is believed that the two DF stations are operated by signal units of the GOFG stationed in Stahnsdorf. Comment. The Dumbo type radar set may be operated by units of the 2d Gds AAA Div stationed at the barracks installation in Rehagen。 11/ Comment. Two Dumbo type sets were previously observed at the radar installation on Apollenberg near Wittenberg. It is unknown what type of radar sets are now available at this installation. Possibly the installation, just as all the other radar installations connected with fighter units, consists of a Dumbo type set, an SCR-602 set and 50X1-HUM a third type set as observed in Merseburg. SCR-602 type radar set, on which probably instruction was being given was observed at the Brueckenkopf Kaserne. 50X1-HUM The radar installation is protably operated by the headquarters of the Southern Fighter Corps in Wittenberg. 12. Comment. Contrary to radar installations which are connected with fighter units this radar installation consists of a Dumlo type set. The superior headquarters to which this installation is assigned is unknown.

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Annex 1

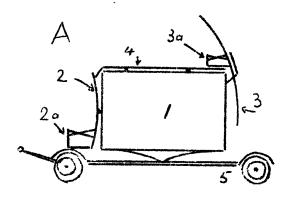
## Radar Set in Gardelegen

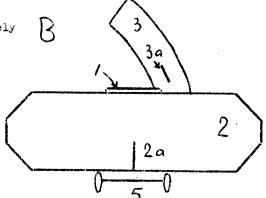
-7-

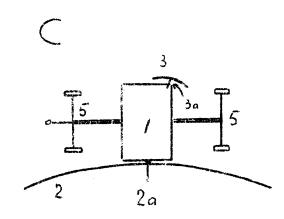
#### Legend:

- ' Side view
- B Front view
- C Top view
- 1 Potatable box-like superstructure measuring about 3 x 1.6 x 2 meters
- 2 and 3 Curved rectangular reflectors
- 2a and 3a Augular iron struts connected by wires to 2 and 3 repectively
- 4 Cable
- 5 Chassis

Note. Reflector Item 2 measures about 6 x 2 meters and is braced both vertically and horizontally by metal strips.







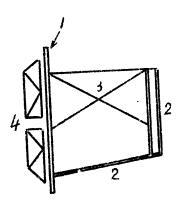
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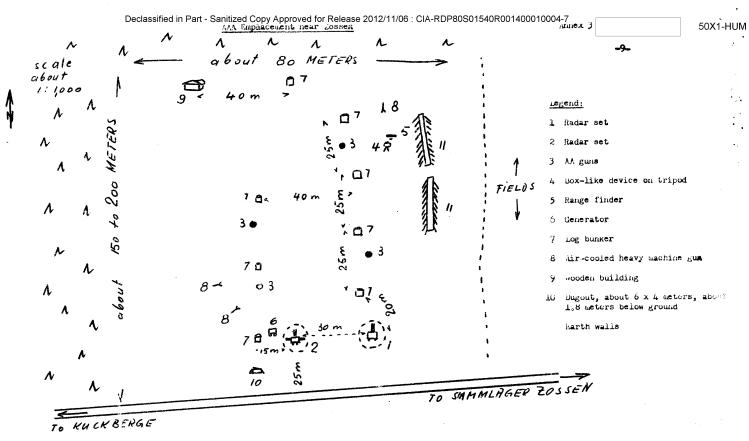
# Slanting Reflector Observed at Gardelegen

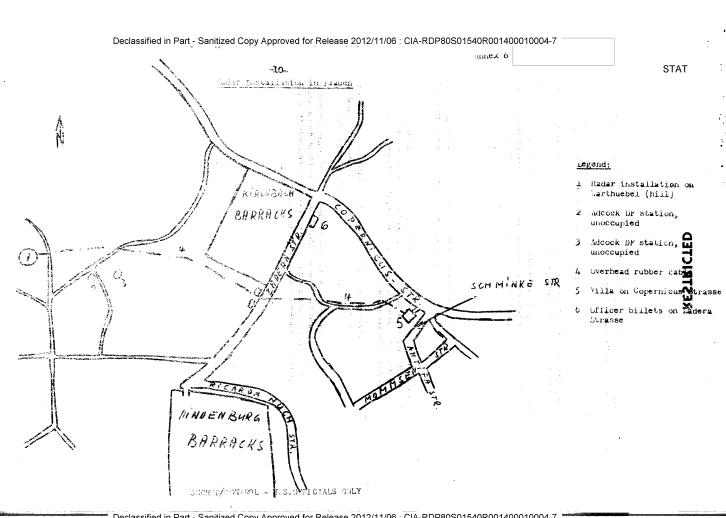


# regend:

- 1 Slanting reflector
- 2 Thick rods
- 3 Thin rods
- 4 Supporting device at the rear side of reflector

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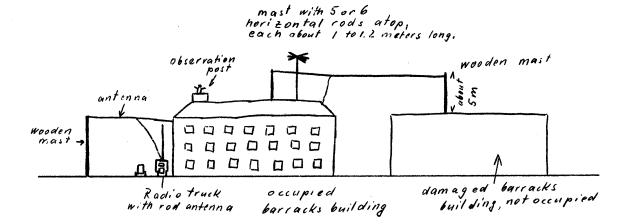
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50X1-HUM

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### View Sketch of Two Puildings of mirchbach maserne in Plauen

Showing Various Radio Installations



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Annex	8	
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### List of Fadar Sets Mentioned in the Report.

Location	Type of Set	Last Observed	Remarks	Assignment
Gardelegen	1 Dumbo ) 1 SCR-602 ) 1 Third set) 1 CPS-6 )	17 January 1953		probably Ftr Div in Laerz
Zossen	AA No 1 MK 2	29 January 1953		2d Gds AAA Div
Merseburg	1 Dumbo		this set was not observed but it has probably not been removed	
	1 SCR-600 ) 1 Third set )	17 December 1952		
Plauen	1 Dumbo ) 1 SCR-602 ) 1 Third set )	29 January 1953	ı	Ftr Div in Grossenhain
Wismer	1 Dumbo	30 October 1952	dismentled	undetermined
Wittstock	1 Dumbo		this set was not observed but it has pr bably not bee removed	
	1 SCR-602 ) 1 Third set > 1 with page-) bolic ) reflector )	mid-Jenuary 1953		headquarters of the fighter corps in Wittstock
Rehagen	1 Durcho.	early October 1952		2d (ds /AA Div(?)
Wittenters	probably 1 Dumbe ) 1 SCR-602 ) 1 Third set	the sets were robserved, but the	hey	headquarters of the fighter corps in Wittenberg
Hillersleben	1 Dumbo	10 January 1953	3	undetermined

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